Samarth Shiva Solanki

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Profile

Python Developer | Full-Stack Enthusiast
Python developer and MCA graduate specializing in full-stack development with hands-on experience building AI-based and web applications. Passionate about solving real-world problems through clean code, automation, and scalable systems. Actively seeking an entry-level role or internship to contribute and grow as a software developer.

Projects

AI-Powered Recruitment & Hiring System

Built an AI-powered recruitment system that automates resume screening and candidate shortlisting using NLP pipelines, reducing manual HR effort by ~60% and improving hiring efficiency.
Technologies: Python, Flask, NLP, AI-based Resume Parsing, JSON, HTML, CSS, REST APIs

Offline Wikipedia Search Engine

Designed optimized text indexing pipelines and search algorithms to enable fast, accurate offline article retrieval using Flask-based architecture.
Technologies: Python, Flask, SQLite, NLTK.

Skills

- **Programming**: Python, JavaScript
- **Web**: Flask, HTML, CSS
- **Databases**: MySQL, SQLite
- **AI/ML**: NLP, Resume Parsing
- **Computer Science**: OOPS, DBMS, Data Structures(Basics)
- **Tools**: Git, REST APIs, JSON
- **Environment**: VS Code, GitHub

Education

LJ University, *Master of Computer Applications (MCA)*   07/2025
Ahmedabad

Swaminarayan College of Computer Science,   2021 – 2024
Bachelor of Computer Applications (BCA)   Bhavnagar

Certificates

Generative AI – Coursera
Python Internship – Code Alpha
Cybersecurity Basics – Coursera